

What is claimed is:

1 1. A method comprising:
2 automatically and repetitively establishing a current position of a cellular
3 mobile unit utilizing a radio signal between said mobile unit and a cell site associated
4 with a cellular network service provider;

5 receiving destination information from the user of said mobile unit to
6 determine a desired destination; and

7 providing guidance to the user from said current position to said desired
8 destination.

1 2. The method of claim 1 wherein automatically and repetitively establishing
2 said current position includes logging and storing said mobile unit's sequential presence
3 within visited cells for a recent period of time, said recent period of time ranging from a
4 time within the most recent four hours through the present time.

1 3. The method of claim 2 further including obtaining geographical data for
2 said visited cells from a geographic database and correlating said geographical data with
3 said visited cells to derive said mobile unit's geographic location and direction of travel
4 within the cell that the mobile unit is presently physically located.

1 4. The method of claim 1 wherein receiving destination information includes
2 receiving a telephone number to determine a corresponding address as said desired
3 destination.

1 5. The method of claim 1 further including receiving geographic information
2 from a geographic database to create a route of travel, and relaying a location marker
3 along said route of travel to said user.

1 6. The method of claim 1 further including confirming said mobile unit's
2 presence at said desired destination.

1 7. An article comprising a medium storing instructions that enable a
2 processor-based system to:

3 automatically and repetitively establish a current position of a cellular
4 mobile unit utilizing a radio signal between said mobile unit and a cell cite that is
5 associated with a cellular network service provider;

6 receive destination information from the user of said mobile unit to
7 determine a desired destination; and

8 provide guidance to the user from said current position to said desired
9 destination.

1 8. The article of claim 7 further storing instructions that enable a processor-
2 based system to log and store said mobile unit's sequential presence within visited cells
3 for a recent period of time, said recent period of time ranging from a time within the most
4 recent four hours through the present time.

1 9. The article of claim 8 further storing instructions that enable a processor-
2 based system to obtain geographical data for said visited cells from a geographic
3 database, and correlate said geographical data with said visited cells to derive said mobile

4 unit's geographical location and direction of travel within the cell that said mobile unit is
5 presently physically located.

1 10. The article of claim 7 further storing instructions that enable a processor-
2 based system to receive a telephone number to determine a corresponding address of said
3 desired destination.

1 11. The article of claim 7 further storing instructions that enable a processor-
2 based system to receive geographic information from a geographic database to create a
3 route of travel, and relay a location marker along said route of travel to said user.

1 12. The article of claim 7 further storing instructions that enable a processor-
2 based system to confirm said mobile unit's presence at said desired destination.

1 13. A method comprising:
2 automatically establishing an original position of a cellular radiotelephone
3 through the use of a radio signal between said telephone and a cell site associated with a
4 cellular network service provider;
5 receiving destination information through said telephone; and
6 converting said destination information to a location of destination.

1 14. The method of claim 13 wherein receiving destination information
2 includes receiving a telephone number as destination information.

1 15. The method of claim 14 wherein converting said destination information
2 includes converting said telephone number to a corresponding address as said location of
3 destination.

1 16. The method of claim 13 further including consulting a geographic
2 database to create navigational instructions from said original position to said location of
3 destination.

1 17. The method of claim 16 further including providing turn-by-turn
2 directives to the user of said telephone.

1 18. The method of claim 17 further including confirming that the user is
2 properly executing said turn-by-turn directives.

1 19. An article comprising a medium storing instructions that enable a
2 processor-based system to:

3 automatically establish an original position of a cellular radiotelephone
4 through the use of a radio signal between said telephone and a cell site associated with a
5 cellular network service provider;

6 receive destination information through said telephone; and
7 convert said destination information to a location of destination.

1 20. The article of claim 19 further storing instructions that enable the
2 processor-based system to receive a telephone number as destination information.

1 21. The article of claim 19 further storing instructions that enable the
2 processor-based system to convert said telephone number to a corresponding address as
3 said location of destination.

1 22. The article of claim 19 further storing instructions that enable the
2 processor-based system to consult a geographic database to create navigational
3 instructions from said original position to said location of destination.

1 23. The article of claim 22 further storing instructions that enable the
2 processor-based system to provide turn-by-turn directives to the user of said telephone.

1 24. The article of claim 23 further storing instructions that enable the
2 processor-based system to confirm that the user is properly executing said turn-by-turn
3 directives.

1 25. The article of claim 19 further storing instructions that enable a processor-
2 based system to confirm that the user of said radiotelephone has reached said location of
3 destination.

1 26. A method comprising:
2 receiving information regarding a physical cell location for a cellular
3 mobile unit;
4 receiving a telephone number as destination information; and
5 on said cellular mobile unit converting said telephone number to a
6 destination location.

1 27. The method of claim 26 wherein converting said telephone number to said
2 destination location includes converting said telephone number to a corresponding
3 address.

1 28. An article comprising a medium storing instructions that enable a
2 processor-based system to:

3 receive information regarding a physical cell location for a cellular mobile
4 unit;
5 receive a telephone number as destination information; and
6 on said cellular mobile unit convert said telephone number to a destination
7 location.

1 29. The article of claim 28 further storing instructions that enable the
2 processor-based system to convert said telephone number to a corresponding address.

1 30. The article of claim 29 further storing instructions that enable the
2 processor-based system to transmit said corresponding address as said destination
3 location.